## Before the FEDERAL COMMUNICATIONS COMMISSION Washington, D.C. 20554

_ ) )		FILED/ACCEPTED
) ) ) )	RM	AUG 13 2009 Federal Communications Commission Office of the Secretary
	- ) ) ) ) )	- ) ) ) RM )

#### **PETITION FOR RULEMAKING**

WLBT License Subsidiary, LLC ("WLBT"), permittee of television station WLBT(TV), Jackson, Mississippi (the "Station"), respectfully requests that the Commission amend Section 73.622(i) of its rules, the post-transition DTV Table of Allotments, to replace the Channel 7 allotment for Jackson, Mississippi, with an allotment for Channel 30. This amendment is necessary to ensure continued digital television service to many of the Station's viewers who are unable to receive the signal from the Station's allotted Channel 7 DTV facility.

On June 12, 2009, WLBT discontinued pre-transition digital service on Channel 9 and began operating on Channel 7 at a low power level of 10.3 kW effective radiated power ("ERP"). Following the switch, a significant number of WLBT's viewers complained of a sudden inability to receive the Station's digital signal, particularly through antennas located indoors. These reception problems were not limited to specific regions within the Station's service area, nor were they unique to WLBT: viewers of other stations that switched to high-VHF band channels for post-transition operation likewise have reported reception problems.

Video 09-46

DC: 3284981-1

WLBT, which is located in an area that frequently experiences hurricanes and other severe weather, was particularly concerned about this service deficit because it learned that battery-powered DTV receivers — even those located close to Jackson — have been unable to receive the Station's Channel 7 signal consistently. Because many Jackson-area residents rely on the Station to provide them with up-to-date emergency information during severe weather, continued operation of the Station's existing Channel 7 facility raised serious public safety concerns.

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In order to address these reception issues, WLBT considered requesting an increase in the Station's authorized power level but determined that anything more than a modest 7.7 kW ERP increase would cause interference to a neighboring station. WLBT and its parent company have conducted an investigation to identify the cause of the reception issues experienced by WLBT and other commonly-owned stations operating on high-VHF channels. WLBT has not yet been able to identify the root cause of these problems.

WLBT believes, however, that it would be possible to address the reception issues by increasing power on a different channel. Accordingly, WLBT requests authority to operate on Channel 30 at an ERP of 256 kW. WLBT predicts that this increase in power would substantially resolve the reception issues its viewers currently are experiencing. The proposed facility also would allow WLBT to nearly replicate the Station's analog service area, providing service to most of the Station's more

than 73,000 former analog viewers who are not predicted to receive service from the current Channel 7 facility.<sup>1</sup>

If this petition is granted, WLBT intends to apply for a permit to construct a Channel 30 digital facility that authorizes operation at 256 kW, and it intends to apply for a license to cover that permit promptly after it is issued. The proposed construction permit and license would authorize a facility with the following specifications:

	NTSC	TSC DIV									
Facility ID	5.	tate # City	Chan	Chan	ERF (kW)	HAAT (m)	Latitude (DDMMSS)	Longitude (DDEMMSS)	Area (sq km)	Population (thousand)	Percent IX Received
€8542	M5	Jackson	3	30	256	624	321249	0902256	36,249	85€,€02	J.3

As amended, the DTV allotment for Jackson would read as follows:

MISSISSIPPI						
Jackson	12, *20, 21, 30, 40, 51					

As the accompanying engineering analysis indicates, the proposed channel substitution would not cause impermissible interference to any other station in the post-transition environment.<sup>2</sup> Moreover, the proposed facility is predicted to serve more than 856,000 viewers — that is, approximately 102.5 percent of the population served by WLBT's analog facility.<sup>3</sup>

Because WLBT has been unable to determine the cause of the Channel 7 reception difficulties, the public interest would be well served by amending the DTV Table of Allotments to allot Channel 30 to Jackson. This change would allow WLBT to

<sup>&</sup>lt;sup>1</sup> Because the proposed operation of the Station's facility on Channel 30 would result in interference to commonly-owned station WDAM-TV, Laurel, Mississippi, the licensee of WDAM-TV is concurrently submitting a petition for rulemaking to substitute Channel 7 for WDAM-TV's existing channel allotment.

<sup>&</sup>lt;sup>2</sup> See Technical Statement of du Treil, Lundin & Rackley, Inc., attached at Exhibit A, at 2.

<sup>&</sup>lt;sup>3</sup> *Id*.

restore service to thousands of former analog viewers who lost service after the June 12 transition and to ensure continued service to many other viewers who are unable to receive the Station's Channel 7 signal. Accordingly, WLBT respectfully requests that the Commission amend Section 73.622 of its rules to substitute Channel 30 for the existing Channel 7 digital allotment at Jackson, Mississippi.

Respectfully submitted,

Jennifer A. Johnson Robert M. Sherman

COVINGTON & BURLING LLP

1201 Pennsylvania Avenue, N.W. Washington, D.C. 20004-2401

(202) 662-6000

Counsel to WLBT License Subsidiary, LLC

August 13, 2009

### **EXHIBIT A**

# TECHNICAL EXHIBIT PETITION FOR RULE MAKING TO MODIFY THE DTV TABLE OF ALLOTMENTS STATION WLBT-DT JACKSON, MISSISSIPPI STATION WDAM-DT LAUREL, MISSISSIPPI

This Technical Exhibit was prepared on behalf of television stations WLBT-DT assigned to Jackson, Mississippi and WDAM-DT assigned to Laurel, Mississippi in support of a *Petition for Rule Making* to modify the respective DTV allotments for each specified station.

The Commission adopted channel 7 for WLBT's post-transition digital operation with a directional antenna maximum effective radiated power (ERP) of 7 kilowatts (kW) and an antenna height above average terrain (HAAT) of 393 meters. Due to reception problems on its VHF channel, WLBT-DT desires to propose operation on UHF Channel 30 for its final post-transition operation. Concurrently, nearby station WDAM-DT proposes to employ WLBT-DT's current Channel 7 allotment and which was WDAM-DT's former analog channel, but with a substantially greater digital effective radiated power. Therefore, both allotment proposals are technically related and may be treated concurrently.

The following details both WLBT's and WDAM's proposed modification of its Appendix B facilities.

	NTSC	DTV									
Facility ID	St	tate & City	Chan	Chan	ERP (kW)	HAAT (m)	Latitude (DDMMSS)	Longitude (DDDMMSS)	Area (sq km)	Population (thousand)	Percent IX Received
68542	MS	Jackson	3	30	535	624	321249	0902256	42,911	916,172	0.5
21250	MS	Laurel	7	7	75	155	312712	0891705	27,855	468,693	0.7
	Each Facility Proposes Non-Directional Transmitting Antennas										

The proposed WDAM-DT effective radiated power and antenna height above average terrain complies with Section 73.622(f)(7) of the Commission Rules. As for WLBT-DT, there is a larger station in the market, WJTV-DT on Channel 12 (FCC File Number: BMPCDT-20080619ABX), with an area of 45,768 square kilometers.

Consulting Engineers

Jackson/Laurel, Mississippi Page 2

#### Population Served

The herein proposed WLBT-DT Channel 30 facility is predicted to serve 916,172 persons, post-transition, based upon the 2000 Census. WLBT-DT's former analog facility is predicted to serve 835,304 persons. Therefore, the herein proposed WLBT-DT facility would serve more than 100% of WLBT's associated analog population. The proposed WLBT-DT Appendix B facilities complies with the 0.5 percent interference standard adopted by the FCC for post-transition DTV operations as shown in Figure 1 to all stations.

The herein proposed WDAM-DT Channel 7 facility is predicted to serve 468,693 persons, post-transition, based upon the 2000 Census. WDAM-DT's former analog facility is predicted to serve 354,017 persons. Therefore, the herein proposed WDAM-DT facility would serve more than 100% of its associated analog population. The proposed WDAM-DT Appendix B facilities complies with the 0.5 percent interference standard adopted by the FCC for post-transition DTV operations as shown in Figure 2 to all stations.

Charles A. Cooper du Treil, Lundin & Rackley, Inc. 201 Fletcher Avenue Sarasota, Florida 34237 (941) 329-6000

August 12, 2009

#### **TECHNICAL EXHIBIT** PETITION FOR RULE MAKING TO MODIFY THE DTV TABLE OF ALLOTMENTS STATION WLBT-DT JACKSON, MISSISSIPPI STATION WDAM-DT LAUREL, MISSISSIPPI

#### OET-69 Allocation Analysis – WLBT-DT Jackson, Mississippi

TW Census data selected 2000 Post Transition Data Base Selected /export/home/cdbs/pt tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-12-2009 Time: 10:54:54

Record Selected for Analysis

MS US

Zone 2 Border Status AP?

Cutoff date Docket Last update

Comments Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility does not meet maximum height/power limits Channel 30 ERP = 535.00 HAAT = 622.

Azimuth	ERP	HAAT	41.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	535.000	628.6	116.0
45.0	535.000	608.9	115.1
90.0	535.000	620.4	115.6
135.0	535.000	611.7	115.2
180.0	535.000	602.0	114.8
225.0	535.000	623.6	115.8
270.0	535.000	648.6	117.0
315.0	535.000	631.4	116.2

Evaluation toward Class A Stations

Contour overlap to Class A station WLFT-CA 30 BATON ROUGE LA BLTTA 20070813AFZ

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

WLBT 30 JACKSON MS USERRECORD01 and station

SHORT TO: WLFT-CA 30 BATON ROUGE 030-22-50 0091-03-16 LA BDFCDTA 20080804ACM

Req. separation 223.7 Actual separation 213.1 Short 10.6 km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed Facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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Start of Interference Analysis

Proposed Station

Call City/State
WLBT JACKSON MS Channel ARN 30 WLBT USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
30	TAIW	BIRMINGHAM AL	362.5	LIC	BLCDT	-20021219AAV
30	TAIW	BIRMINGHAM AL	362.5	PLN	DTVPLN	-DTVP1093
30	KLRT-TV	LITTLE ROCK AR	347.5	LIC	BLCDT	-20020507AAK
30	KLRTTV	LITTLE ROCK AR	347.5	PLN	DTVPLN	-DTVP1094
30	WLFTCA	BATON ROUGE LA	213.5	LIC	BLTTA	-20070813AFZ
30	WLFTCA	BATON ROUGE LA	213.5	CP	BDFCDTA	-20080804ACM
30	KFOLCA	HOUMA LA	293.4	CP MOD	BMPDTA	-20080804AEE
30	KFOLCA	HOUMA LA	286.7	LIC	BLTTL	-19950329IC
30	KFOL-CA	HOUMA LA	291.3	APP	BMPDTA	-20090526AEG
30	KFOL-CA	HOUMA LA	293.4	APP	BPTTA	-20080411ABC
30	KVHP	LAKE CHARLES LA	371.2	PLN	DTVPLN	-DTVP1104
30	KVHP	LAKE CHARLES LA	371.2	CP	BPCDT	-19990714LD
31	KLAX-TV	ALEXANDRIA LA	216.9	CP	BPCDT	-20080617ADM
31	KLAX-TV	ALEXANDRIA LA	216.9	PLN	DTVPLN	-DTVP1141
31	WGBC	MERIDIAN MS	159.4	PLN	DTVPLN	-DTVP1148
31	WGBC	MERIDIAN MS	159.4	CP MOD	BMPCDT	-20070522AAR

Analysis of Interference to Affected Station 1

Analysis of current record City/State Application Ref. No. TAIW 30 BIRMINGHAM AL BLCDT -20021219AAV

Stations Potentially Affecting This Station

Dist(km) Status Application Ref. No. 105.0 CP BPCDT -20080617A Chan Call City/State 29 WBIH SELMA AL BPCDT -20080617ADT

```
OTVPLN
 29 WBIE
              SELMA AL
                                      104.9 PLN
                                                              ~DTVP1059
      WBIE SELMA AL WVLT-TV KNOXVILLE TN
                                       381.7 LIC
381.7 PLN
 30
                                                     BLCDT
                                                               -20040420AAF
 30
      WVLT-TV KNOXVILLE TN
                                                     DTVPLN
                                                              -DTVP1116
                                       381.7 CP
217.9 PLN
 30
      WVLT-TV KNOXVILLE TN
                                                   BPCD.
                                                     BPCDT
                                                               -20080618AAM
              MERIDIAN MS
      WGBC
 31
                                                              -DTVP1148
                                      217.9 CP MOD BMPCDT -200
362.5 APP USERRECORD-01
                                                              -20070522AAR
              MERIDIAN MS
 31
      WGBC
 30
      WLBT
              JACKSON MS
 Total scenarios = 12
Result key: 1
Scenario 1 Affected station 1
Result key:
Before Analysis
Results for: 30A AL BIRMINGHAM
                                      BLCDT
                                               20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
                                POPULATION AREA (sq km)
   within Noise Limited Contour
                                             32961.0
                                  1724395
   not affected by terrain losses
                                   1693417
                                               31764.3
   lost to NTSC IX
                                       n
                                                  0.0
   lost to additional IX by ATV
                                      6264
                                                 753.5
   lost to ATV IX only
                                      6264
                                                 753.5
   lost to all IX
                                      6264
 Potential Interfering Stations Included in above Scenario
29A AL SELMA
                           BPCDT
                                     20080617ADT CP
                                     20040420AAF LIC
30A TN KNOKVILLE
                           BLCDT
After Analysis
                                      BLCDT 20021219AAV LIC
Results for: 30A AL BIRMINGHAM
   HAAT 426.0 m, ATV ERP 1000.0 kW
                                POPULATION AREA (sq km)
                                             32961.0
   within Noise Limited Contour
                                  1724395
                                               31764.3
   not affected by terrain losses
                                  1693417
   Iost to NTSC IX
                                       0
                                                  0.0
                                      7173
                                                 801.9
   lost to additional IX by ATV
   lost to ATV IX only
                                      7173
                                                801.9
   lost to all IX
                                      7173
                                                801.9
 Potential Interfering Stations Included in above Scenario
29A AL SELMA
                           BPCDT
                                     20080617ADT CP
                           BLCDT
                                    20040420AAF LIC
30A TN KNOXVILLE
                           USERRECORD01
30A MS JACKSON
                                                APP
Percent new IX = 0.0539%
Result key:
             2 Affected station 1
Scenario
Before Analysis
Results for: 30A AL BIRMINGHAM
                                      BLCDT 20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
  within Noise Limited Contour 1724395 32961.0
   not affected by terrain losses
                                  1693417
                                               31764.3
   lost to NTSC IX
                                                  0.0
   lost to additional IX by ATV
                                      6264
                                                 753.5
   lost to ATV IX only
                                      6264
                                                 753.5
   lost to all IX
                                      6264
 Potential Interfering Stations Included in above Scenario
29A AL SELMA
                           RPCDT
                                    20080617ADT CP
                           BPCDT 20080617ADT CP
DTVPLN DTVP1116 PLN
30A TN KNOXVILLE
After Analysis
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```
20021219AAV LIC
Results for: 30A AL BIRMINGHAM
                                        BLCDT
   HAAT 426.0 m, ATV ERP 1000.0 kW
                                 POPULATION AREA (sq km)
   within Noise Limited Contour
                                   1724395
                                               32961.0
   not affected by terrain losses
                                    1693417
                                                31764.3
   lost to NTSC IX
                                                   0.0
   lost to additional IX by ATV
                                       7173
                                                  801.9
   lost to ATV IX only
                                       7173
                                                  801.9
   lost to all IX
                                       7173
                                                  801.9
 Potential Interfering Stations Included in above Scenario
                                                              2
                            BPCDT
                                     20080617ADT
30A TN KNOXVILLE
                            DTVPLN
                                     DTVP1116
                                                  PLN
30A MS JACKSON
                            USERRECORDO1
                                                  APP
Percent new IX = 0.0539%
Result key:
                  3
            3
3 Affeoted station
Scenario
Before Analysis
Results for: 30A AL BIRMINGHAM
HAAT 426.0 m, ATV ERP 1000.0 kW
                                        BLCDT
                                                  20021219AAV LIC
                                 POPULATION
                                             AREA (sq km)
                                              32961.0
   within Noise Limited Contour
                                  1724395
   not affected by terrain losses
                                   1693417
                                                31764.3
   lost to NTSC IX
                                        0
                                                   0.0
   lost to additional IX by ATV
                                      9816
                                                  773.7
   lost to ATV IX only
                                      9816
                                                  773.7
   lost to all IX
                                      9816
                                                  773.7
 Potential Interfering Stations Included in above Scenario
29A AL SELMA
                           BPCDT
                                     20080617ADT CP
30A TN KNOXVILLE
                           BPCDT
                                     20080618AAM CP
After Analysis
Results for: 30A AL BIRMINGHAM
                                       BLCDT 20021219AAV LIC
   HAAT 426.0 m, ATV ERP 1000.0 kW
                                 POPULATION
                                             AREA (sq km)
   within Noise Limited Contour
                                              32961.0
                                   1724395
   not affected by terrain losses
                                   1693417
                                                31764.3
   lost to NTSC IX
                                       0
                                                   0.0
   lost to additional IX by ATV
                                     10725
                                                  822.0
   lost to ATV IX only
                                     10725
                                                  822.0
   lost to all IX
                                     10725
                                                  822.0
 Potential Interfering Stations Included in above Scenario
                                     20080617ADT CP
29A AL SELMA
                           BPCDT
30A TN KNOXVILLE
                           BPCDT
                                     20080618AAM CP
30A MS JACKSON
                           USERRECORD01
Percent new IX = 0.0540%
Result key:
                                       1
              4 Affected station
Scenario
Before Analysis
Results for: 30A AL BIRMINGHAM
                                       BLCDT
                                                  20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
                                POPULATION
                                             AREA (sq km)
   within Noise Limited Contour
                                              32961.0
                                 1724395
   not affected by terrain losses
                                                31764.3
                                   1693417
                                                  0.0
   lost to NTSC IX
                                      0
                                                  753.5
   lost to additional IX by ATV
                                      6144
  lost to ATV IX only
                                      6144
                                                  753.5
```

```
lost to all IX
                                                                                   6144
                                                                                                           753.5
   Potential Interfering Stations Included in above Scenario
 29A AL SELMA
                                                            DTVPLN
                                                                                 DTVP1059
 30A TN KNOXVILLE
                                                            BLCDT
                                                                                 20040420AAF LIC
 After Analysis
                                                                                      BLCDT
 Results for: 30A AL BIRMINGHAM
                                                                                                            20021219AAV LIC
      HAAT 426.0 m, ATV ERP 1000.0 kW
                                                                       POPULATION AREA (sq km)
       within Noise Limited Contour
                                                                           1724395
                                                                                                   32961.0
      not affected by terrain losses
                                                                            1693417
                                                                                                       31764.3
       lost to NTSC IX
                                                                                        0
                                                                                                               0.0
                                                                                   7053
       lost to additional IX by ATV
                                                                                                            801.9
       lost to ATV IX only
                                                                                   7053
                                                                                                            801.9
      lost to all IX
                                                                                   7053
                                                                                                           801.9
   Potential Interfering Stations Included in above Scenario
                                                           DTVPLN
                                                                                DTVP1059
 29A AL SELMA
                                                                                                            PLN
 30A TN KNOKVILLE
                                                           BLCDT
                                                                                20040420AAF LIC
 30A MS JACKSON
                                                           USERRECORD01
                                                                                                           APP
 Percent new IX = 0.0539%
Result key:
                                       5
                                5 Affected station
Scenario
Before Analysis
Results for: 30A AL BIRMINGHAM
                                                                                                           20021219AAV LIC
                                                                                   BLCDT
      HAAT 426.0 m, ATV ERP 1000.0 kW
      within Noise Limited Contour not affected by the second of the second of
      not affected by terrain losses
                                                                            1693417
                                                                                                       31764.3
      lost to NTSC IX
                                                                                     0
                                                                                                              0.0
      lost to additional IX by ATV
                                                                                   6144
                                                                                                            753.5
      lost to ATV IX only
                                                                                  6144
                                                                                                           753.5
      lost to all IX
                                                                                  6144
  Potential Interfering Stations Included in above Scenario
29A AL SELMA
                                                           DTVPLN
                                                                               DTVP1059
                                                                                                           PI.N
30A TN KNOXVILLE
                                                           DTVPLN
                                                                               DTVP1116
                                                                                                           PLN
After Analysis
Results for: 30A AL BIRMINGHAM
                                                                                    BLCDT
                                                                                                        20021219AAV LIC
      HAAT 426.0 m, ATV ERP 1000.0 kW
                                                                       POPULATION
                                                                                                 AREA (sq km)
      within Noise Limited Contour
                                                                           1724395
                                                                                                      32961.0
      not affected by terrain losses
                                                                           1693417
                                                                                                       31764.3
      lost to NTSC IX
                                                                                     0
                                                                                                              0.0
                                                                                  7053
      lost to additional IX by ATV
                                                                                                           801.9
      lost to ATV IX only
                                                                                  7053
                                                                                                           801.9
      lost to all IX
                                                                                  7053
                                                                                                           801.9
  Potential Interfering Stations Included in above Scenario
29A AL SELMA
                                                           DTVPLN
                                                                               DTVP1059
                                                                                                           PT.N
                                                                            DTVP1116
30A TN KNOXVILLE
                                                           DTVPLN
                                                                                                           PLN
30A MS JACKSON
                                                          USERRECORD01
                                                                                                           APP
Percent new IX =
                                        0.0539%
Result key:
                                      6
                           6 Affected station
Scenario
Before Analysis
```

```
BLCDT 20021219AAV LIC
Results for: 30A AL BIRMINGHAM
   HAAT 426.0 m, ATV ERP 1000.0 kW
                                 POPULATION
                                              AREA (sq km)
   within Noise Limited Contour
                                    1724395
                                               32961.0
  not affected by terrain losses
                                    1693417
                                                 31764.3
   lost to NTSC IX
                                         0
                                                    0.0
                                                   773.7
   lost to additional IX by ATV
                                       9696
   lost to ATV IX only
                                       9696
                                                   773.7
   lost to all IX
                                       9696
                                                   773.7
 Potential Interfering Stations Included in above Scenario
29A AL SELMA
                            DTVPLN
                                      DTVP1059
                                                   PLN
30A TN KNOXVILLE
                            BPCDT
                                      20080618AAM CP
After Analysis
Results for: 30A AL BIRMINGHAM
                                        BLCDT
                                                  20021219AAV LIC
   HAAT 426.0 m, ATV ERP 1000.0 kW
                                 POPULATION
                                              AREA (sq km)
  within Noise Limited Contour
                                   1724395
                                                32961.0
                                                 31764.3
  not affected by terrain losses
                                    1693417
  lost to NTSC IX
                                        0
                                                    0.0
   lost to additional IX by ATV
                                      10605
                                                   822.0
   lost to ATV IX only
                                      10605
                                                   822.0
  lost to all IX
                                      10605
                                                  822.0
 Potential Interfering Stations Included in above Scenario
29A AL SELMA
                           DTVPLN
                                     DTVP1059
                                                  PLN
30A TN KNOXVILLE
                            BPCDT
                                     20080618AAM CP
30A MS JACKSON
                           USERRECORD01
                                                   APP
Percent new IX =
                 0.0540%
Result key:
               7 Affected station
Scenario
Before Analysis
Results for: 30A AL BIRMINGHAM
                                       BLCDT
                                                  20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
                                POPULATION AREA (sq km)
  within Noise Limited Contour
                                  1724395
                                                32961.0
  not affected by terrain losses
                                    1693417
                                                 31764.3
                                                    0.0
  lost to NTSC IX
                                         0
                                       6264
  lost to additional IX by ATV
                                                   753.5
  lost to ATV IX only
lost to all IX
                                       6264
                                                   753.5
                                       6264
                                                  753.5
Potential Interfering Stations Included in above Scenario
29A AL SELMA
                           BPCDT
                                     20080617ADT CP
30A TN KNOXVILLE
                           BLCDT
                                     20040420AAF LIC
After Analysis
Results for: 30A AL BIRMINGHAM
                                        BLCDT
                                                  20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
                                 POPULATION
                                              AREA (sq km)
  within Noise Limited Contour
                                   1724395
                                                32961.0
  not affected by terrain losses
                                   1693417
                                                31764.3
   lost to NTSC IX
                                                    0.0
  lost to additional IX by ATV
                                       7173
                                                  801.9
  lost to ATV IX only
                                                  801.9
                                       7173
  lost to all IX
                                      7173
                                                  801.9
Potential Interfering Stations Included in above Scenario
                                      20080617ADT CP
29A AL SELMA
                            BPCDT
30A TN KNOXVILLE
                           BLCDT
                                     20040420AAF LIC
```

```
30A MS JACKSON
                           USERRECORD01
                                                 APP
Percent new IX = 0.0539%
Result key:
            8
8 Affected station 1
Scenario
Before Analysis
Results for: 30A AL BIRMINGHAM
                                      BLCDT 20021219AAV LIC
   HAAT 426.0 m, ATV ERP 1000.0 kW
   POPULATION AREA (sq km) within Noise Limited Contour 1724395
   not affected by terrain losses
                                   1693417
                                                31764.3
   lost to NTSC IX
                                       0
                                                   0.0
   lost to additional IX by ATV
                                       6264
                                                  753.5
   lost to ATV IX only
                                       6264
                                                  753.5
                                                  753.5
   lost to all IX
                                      6264
 Potential Interfering Stations Included in above Scenario
                           BPCDT 20080617ADT CP
DTVPLN DTVP1116 PLN
29A AL SELMA
30A TN KNOXVILLE
                                                  PLN
After Analysis
Results for: 30A AL BIRMINGHAM
                                       BLCDT 20021219AAV LIC
   HAAT 426.0 m, ATV ERP 1000.0 kW
                                 POPULATION AREA (sq km)
   within Noise Limited Contour
                                   1724395
                                              32961.0
   not affected by terrain losses
                                   1693417
                                                31764.3
   lost to NTSC IX
                                        0
                                                   0.0
                                      7173
   lost to additional IX by ATV
                                                  801.9
   lost to ATV IX only
lost to all IX
                                                  801.9
                                      7173
                                                  801.9
                                      7173
 Potential Interfering Stations Included in above Scenario
29A AL SELMA
                           BPCDT
                                     20080617ADT CP
                           DTVPLN DTVP1116 PLN
30A TN KNOXVILLE
30A MS JACKSON
                           USERRECORD01
                                                  APP
Percent new IX = 0.0539%
Result key: 9
Scenario 9 Affected station
Before Analysis
Results for: 30A AL BIRMINGHAM
                                      BLCDT 20021219AAV LIC
  within Noise Limited Contour 1724395 30000 not affected by town
  HAAT 426.0 m, ATV ERP 1000.0 kW
   not affected by terrain losses
                                   1693417
                                                   0.0
   lost to NTSC IX
                                        Ω
   lost to additional IX by ATV
                                      9816
                                                  773.7
   lost to ATV IX only
                                      9816
                                                  773.7
   lost to all IX
                                      9816
                                                  773.7
 Potential Interfering Stations Included in above Scenario
                           BPCDT
                                     20080617ADT CP
29A AL SELMA
                         BPCDT
                                     20080618AAM CP
30A TN KNOXVILLE
After Analysis
Results for: 30A AL BIRMINGHAM
                                       BLCDT
                                                  20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
   POPULATION AREA (sq km) within Noise Limited Contour 1724395 32961.0
                                             32961.0
   not affected by terrain losses 1693417
                                                31764.3
   lost to NTSC IX
                                        0
                                                   0.0
```

```
lost to additional IX by ATV
                                      10725
                                                   822.0
   lost to ATV IX only
                                                   822.0
                                      10725
   lost to all IX
                                      10725
                                                   822.0
 Potential Interfering Stations Included in above Scenario
                            BPCDT
29A AL SELMA
                                      20080617ADT CP
30A TN KNOKVILLE
                            BPCDT
                                      20080618AAM CP
30A MS JACKSON
                            USERRECORD01
                                                   APP
Percent new IX = 0.0540%
                10
Result key:
            10 Affected station
Scenario
Before Analysis
Results for: 30A AL BIRMINGHAM
                                        BLCDT
                                                   20021219AAV LIC
   HAAT 426.0 m, ATV ERP 1000.0 kW
                                  POPULATION AREA (sq km)
   within Noise Limited Contour
                                   1724395
                                                 32961.0
   not affected by terrain losses
                                    1693417
                                                 31764.3
   lost to NTSC IX
                                         0
                                                     0.0
   lost to additional IX by ATV
                                       6144
                                                   753.5
   lost to ATV IX only
                                       6144
                                                   753.5
   lost to all {\tt IX}
                                       6144
                                                   753.5
 Potential Interfering Stations Included in above Scenario
                                                              10
29A AL SELMA
                            DTVPLN
                                      DTVP1059
                                      20040420AAF LIC
30A TN KNOXVILLE
                            BLCDT
After Analysis
Results for: 30A AL BIRMINGHAM
                                        BLCDT
                                                   20021219AAV LIC
   HAAT 426.0 m, ATV ERP 1000.0 kW
                                  POPULATION
                                              AREA (sq km)
   within Noise Limited Contour
                                    1724395
                                                 32961.0
   not affected by terrain losses
                                    1693417
                                                 31764.3
   lost to NTSC IX
                                                     0.0
   lost to additional IX by ATV
                                       7053
                                                   801.9
   lost to ATV IX only
                                                   801.9
                                       7053
                                       7053
                                                   801.9
   lost to all IX
 Potential Interfering Stations Included in above Scenario
                                                              1.0
29A AL SELMA
                            DTVPLN
                                      DTVP1059
30A TN KNOXVILLE
                            BLCDT
                                      20040420AAF
                                                  LIC
                            USERRECORD01
30A MS JACKSON
                                                   APP
Percent new IX =
                    0.0539%
Result key: 11
Cooperio 11 Affected station
                                         1
Before Analysis
Results for: 30A AL BIRMINGHAM
                                        BLCDT
                                                   20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
                                  POPULATION
                                               AREA (sq km)
   within Noise Limited Contour
                                   1724395
                                                 32961.0
   not affected by terrain losses
                                                 31764.3
                                    1693417
   lost to NTSC IX
                                         0
                                                     0.0
                                       6144
   lost to additional IX by ATV
                                                   753.5
   lost to ATV IX only
                                       6144
                                                   753.5
   lost to all IX
                                       6144
                                                   753.5
Potential Interfering Stations Included in above Scenario
29A AL SELMA
                           DTVPLN
                                      DTVP1059
                                                   PLN
30A TN KNOXVILLE
                          DTVPLN
                                      DTVP1116
                                                   PLN
```

After Analysis

Results for: 30A AL BIRMINGHAM BLCDT 20021219AAV LIC

HAAT 426.0 m, ATV ERP 1000.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 1724395 32961.0 not affected by terrain losses 1693417 31764.3 lost to NTSC IX 0.0 0 7053 lost to additional IX by ATV 801.9 lost to ATV IX only lost to all IX 7053 801.9 801.9 7053

Potential Interfering Stations Included in above Scenario 11

29A AL SELMA DTVPLN DTVP1059 30A TN KNOXVILLE DTVPLN DTVP1116 PLN 30A MS JACKSON USERRECORD01 APP

0.0539% Percent new IX =

Result key: 12 Scenario 12 Affected station

Before Analysis

Results for: 30A AL BIRMINGHAM BLCDT 20021219AAV LIC HAAT 426.0 m, ATV ERP 1000.0 kW

POPULATION AREA (sq km) 32961.0 within Noise Limited Contour 1724395 not affected by terrain losses 1693417 31764.3 lost to NTSC IX 0 0.0 773.7 lost to additional IX by ATV 9696 lost to ATV IX only 9696 773.7 lost to all IX 9696 773.7

Potential Interfering Stations Included in above Scenario 12

DTVPLN DTVP1059 29A AL SELMA PT.N 30A TN KNOXVILLE BPCDT 20080618AAM CP

After Analysis

Results for: 30A AL BIRMINGHAM BLCDT 20021219AAV LIC

HAAT 426.0 m, ATV ERP 1000.0 kW

AREA (sq km) POPULATION 1724395 within Noise Limited Contour 32961.0 31764.3 not affected by terrain losses 1693417 lost to NTSC IX 0 0.0 lost to additional IX by ATV 10605 822.0 lost to ATV IX only 10605 822.0 lost to all IX

Potential Interfering Stations Included in above Scenario 12

29A AL SELMA DTVPLN DTVP1059 PLN 30A TN KNOXVILLE 20080618AAM CP BPCDT 30A MS JACKSON USERRECORD01 APP

Percent new IX = 0.0540%

0.0540% Scenario Worst case new IX 3

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Analysis of Interference to Affected Station 2

Analysis of current record City/State Application Ref. No. BIRMINGHAM AL 30 DTVPLN -DTVP1093 WIAT

Stations Potentially Affecting This Station

Stations Potentially A	ffecting Th	is Statio	n		
Chan Call City/State 29 WBIH SELMA AL 29 WBIH SELMA AL 30 WVLT-TV KNOXVILLE TN 30 WVLT-TV KNOXVILLE TN 31 WGBC MERIDIAN MS 31 WGBC MERIDIAN MS 30 WLBT JACKSON MS		Dist (km): 105.0 104.9 381.7 381.7 381.7 217.9 217.9 362.5	Status CP PLN LIC PLN CP PLN CP PLN CP MOD APP	Applicati BPCDT DTVPLN BLCDT DTVPLN BPCDT DTVPLN BMPCDT USERRECOR	-20080617ADT -DTVP1059 -20040420AAF -DTVP1116 -20080618AAM -DTVP1148 -20070522AAR
Total scenarios = 12					
Result key: 13 Scenario 1 Affected Before Analysis					
Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 10	МАН	DTVPLN	DTV	21093	PLN
HAAT 426.0 m, ATV ERP 10	000.0 kW	TRETON :	NDEX /	- 1>	
within Noise Limited Cont not affected by terrain I lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	POPU tour 17 losses 16	24395 93417 0 6264 6264 6264	AREA (so 32961, 31764, 0, 753, 753,	1 km) 0 5 5 5	
Potential Interfering Stati	ions Includ	ed in abov	ve Scena	rio 1	
29A AL SELMA 30A TN KNOXVILLE After Analysis	BPCDT BLCDT	20080617AI 20040420AJ	OT CP AF LIC		
Arter Analysis					
Results for: 30A AL BIRMINGS HAAT 426.0 m, ATV ERP 10	HAM DOO.O kW	DTVPLN			PLN
within Noise Limited Cont not affected by terrain I lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	cour 17 losses 16 ATV	7173 7173 7173	32961. 31764. 0. 801. 801.	0 3 0 9 9	
30A TN KNOXVILLE	BPCDT BLCDT USERRECORD	2 <b>0040420A</b>			
Percent new IX = 0.0539%					
Result key: 14 Scenario 2 Affected Before Analysis	station	2			
Results for: 30A AL BIRMINGH HAAT 426.0 m, ATV ERP 10	000.0 kW	DTVPLN			PLN
within Noise Limited Cont not affected by terrain I lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	cour 17 losses 16 ATV	93417 0 6264 6264 6264	32961. 31764. 0. 753. 753. 753.	0 3 0 5 5 5	
Potential Interfering Stati	ions Includ	ed in abov	re Scena	rio 2	

29A AL SELMA 30A TN KNOKVILLE	BPCDT DTVPLN	20080617AD7 DTVP1116		
After Analysis				
Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1			DTVP1093	PLN
within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	tour losses	DPULATION AF 1724395 1693417 0 7173 7173 7173	EA (sq km) 32961.0 31764.3 0.0 801.9 801.9 801.9	
Potential Interfering Stat	ions Incl			2
29A AL SELMA 30A TN KNOXVILLE	BPCDT	20080617ADT DTVP1116	CP	
Percent new IX = $0.0539\%$	;			
Result key: 15 Scenario 3 Affected Before Analysis	l station	2		
Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1			DTVP1093	PLN
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	PO tour losses	PULATION AR 1724395 1693417 0	32961.0 31764.3 0.0 773.7 773.7	
Potential Interfering Stat	ions Incl	uded in above	Scenario	3
	BPCDT BPCDT	20080617ADT 20080618AAM		
After Analysis				
Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1 within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	000.0 kW PC tour losses	PULATION AR 1724395 1693417	DTVP1093  EA (sq km) 32961.0 31764.3 0.0 822.0 822.0 822.0	PLN
Potential Interfering Stat	ions Incl	uded in above	Scenario	3
29A AL SELMA 30A TN KNOXVILLE 30A MS JACKSON	BPCDT BPCDT USERRECO	20080618AAM		
Percent new IX = 0.0540%				
Result key: 16 Scenario 4 Affected Before Analysis				
Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1	HAM 000.0 kW PC	DTVPLN PULATION AR	DTVP1093 EA (sq km)	PLN

within Noise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	ntour losses ATV	1724395 1693417 0 6144 6144 6144	32961.0 31764.3 0.0 753.5 753.5 753.5	
Potential Interfering Stat	ions Inc	luded in abov	ve Scenario	4
29A AL SELMA 30A TN KNCXVILLE	DTVPLN BLCDT	DTVP1059 20040420A	PLN AF LIC	
After Analysis				
Results fcr: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1	_			PLN
within Noise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	tour.	OPULATION A	AREA (sqrkm) 32961 O	
not affected by terrain	losses	1693417	31764.3	
lost to NTSC IX		0	0.0	
lost to additional IX by	ATV	7053	801.9	
lost to all IX		7053 7053	801.9 801.9	
Potential Interfering Stat				4
29A AL SELMA 30A TN KNOXVILLE 30A MS JACKSON	DTVPLN	DTVP1059	PLN	
30A TN KNOXVILLE	BLCDT	20040420AA	AF LIC	
JUA MS JACKSON	USERREC	ORDUI	APP	
Percent new IX = 0.0539%				
Result key: 17 Scenario 5 Affected Before Analysis				
Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1				PLN
				PLN
within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	tour losses	OPULATION F 1724395 1693417 0 6144 6144 6144	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5	
	tour losses	OPULATION F 1724395 1693417 0 6144 6144 6144	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5	
within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State	tour losses ATV ions Inc	OPULATION F 1724395 1693417 0 6144 6144 6144 bluded in abov	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5 758.5	
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	tour losses ATV	OPULATION F 1724395 1693417 0 6144 6144 6144 bluded in abov	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5 758.5	
within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State	tour losses ATV ions Inc	OPULATION F 1724395 1693417 0 6144 6144 6144 bluded in abov	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5 758.5	
within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State 29A AL SELMA 30A TN KNOXVILLE	tour losses ATV ions Inc DTVPLN DTVPLN HAM 000.0 kW	OPULATION # 1724395   1693417   0   6144   6144   6144   6144   6144   6147   6	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5 7E Scenario PLN PLN PLN DTVP1093	5
within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State 29A AL SELMA 30A TN KNOXVILLE  After Analysis  Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1	tour losses ATV  ions Inc DTVPLN DTVPLN  HAM 000.0 kw	OPULATION # 1724395	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5 7E Scenario PLN PLN DTVP1093 AREA (sq km)	5
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering Stat  29A AL SELMA 30A TN KNOXVILLE  After Analysis  Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1  within Noise Limited Con	tour losses ATV  ions Inc DTVPLN DTVPLN HAM 000.0 kW	OPULATION # 1724395	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5 7E Scenario PLN PLN DTVP1093 AREA (sq km) 32961.0	5
within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State 29A AL SELMA 30A TN KNOXVILLE  After Analysis  Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1	tour losses ATV  ions Inc DTVPLN DTVPLN HAM 000.0 kW	OPULATION # 1724395	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5 7E Scenario PLN PLN DTVP1093 AREA (sq km)	5
within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to ATV IX only lost to all IX  Potential Interfering State 29A AL SELMA 30A TN KNOXVILLE  After Analysis  Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1  within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by	tour losses  ATV  ions Inc  DTVPLN  DTVPLN  HAM  000.0 kw  potential tour losses	OPULATION # 1724395	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5 7E Scenario PLN PLN DTVP1093 AREA (sq km) 32961.0 31764.3 0.0 801.9	5
within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to ATV IX only lost to all IX  Potential Interfering State  29A AL SELMA 30A TN KNOXVILLE  After Analysis  Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1  within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only	tour losses  ATV  ions Inc  DTVPLN  DTVPLN  HAM  000.0 kw  potential tour losses	OPULATION # 1724395   1693417   0   6144   6	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5 7E Scenario PLN PLN DTVP1093 AREA (sq km) 32961.0 31764.3 0.0 801.9 801.9	5
within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to ATV IX only lost to all IX  Potential Interfering State 29A AL SELMA 30A TN KNOXVILLE  After Analysis  Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1  within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	tour losses ATV  ions Inc DTVPLN DTVPLN HAM 000.0 kW tour losses	OPULATION # 1724395	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5 76 Scenario PLN PLN  DTVP1093 AREA (sq km) 32961.0 31764.3 0.0 801.9 801.9	5 PLN
within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to ATV IX only lost to all IX  Potential Interfering State 29A AL SELMA 30A TN KNOXVILLE  After Analysis  Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1  within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State	tour losses  ATV  ions Inc  DTVPLN  DTVPLN  HAM  000.0 kw  tour losses  ATV	OPULATION # 1724395   1693417   0   6144   6	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5 76 Scenario PLN PLN  DTVP1093 AREA (sq km) 32961.0 31764.3 0.0 801.9 801.9	5
within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to ATV IX only lost to all IX  Potential Interfering State  29A AL SELMA 30A TN KNOXVILLE  After Analysis  Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1  within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State  29A AL SELMA	tour losses  ATV  ions Inc DTVPLN DTVPLN  HAM 000.0 kw tour losses ATV  ions Inc DTVPLN	OPULATION # 1724395	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5 7E Scenario PLN PLN DTVP1093 AREA (sq km) 32961.0 31764.3 0.0 801.9 801.9 801.9 801.9 7E Scenario PLN	5 PLN
within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to ATV IX only lost to all IX  Potential Interfering State  29A AL SELMA 30A TN KNOXVILLE  After Analysis  Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1  within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State  29A AL SELMA 30A TN KNOXVILLE	ions Inc DTVPLN DTVPLN tour losses ATV  DTVPLN DTVPLN DTVPLN DTVPLN	OPULATION # 1724395	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5 76 Scenario PLN PLN DTVP1093 AREA (sq km) 32961.0 31764.3 0.0 801.9 801.9 801.9 801.9	5 PLN
within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to ATV IX only lost to all IX  Potential Interfering State  29A AL SELMA 30A TN KNOXVILLE  After Analysis  Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1  within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX  Potential Interfering State  29A AL SELMA	ions Inc DTVPLN DTVPLN HAM 000.0 kW tour losses ATV  ions Inc DTVPLN USERREC	OPULATION # 1724395	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5 7E Scenario PLN PLN DTVP1093 AREA (sq km) 32961.0 31764.3 0.0 801.9 801.9 801.9 801.9 7E Scenario PLN	5 PLN

Result key: 18 Scenario 6 Affected Before Analysis	station	2		
Results for: 30A AL BIRMINGS HAAT 426.0 m, ATV ERP 10	ገብብ ብ ሁለ			PLN
	P	OPULATION	AREA (sq km)	
within Noise Limited Cont not affected by terrain l lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	tour	1724395	32961.0	
not affected by terrain l	Losses	1693417	31/64.3	
lost to additional IX by	ATV	9696	773.7	
lost to ATV IX only		9696	773.7	
lost to ATV IX only lost to all IX		9696	773.7	
Potential Interfering Stati				6
29A AL SELMA	DTVPLN	DTVP1059	PLN	
29A AL SELMA 30A TN KNOKVILLE	BPCDT	20080618A	AM CP	
After Analysis				
Results for: 30A AL BIRMINGH HAAT 426.0 m, ATV ERP 10	HAM 000.0 kw	DTVPLN	DTVP1093	PLN
	P	OPULATION .	AREA (sq km)	
within Noise Limited Cont	our	1/24395	32961.0	
lost to NTSC IX	losses	0	0.0	
lost to additional IX by	ATV	10605	822.0	
lost to ATV IX only		10605	822.0	
within Noise Limited Cont not affected by terrain l lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		10605	822.0	
Potential Interfering Stati				6
29A AL SELMA	DTVPLN	DTVP1059	PLN	
29A AL SELMA 30A TN KNOKVILLE 30A MS JACKSON	BPCDT	20080618A	AM CP	
30A MS JACKSON	USERREC	ORD01	APP	
Percent new IX = 0.0540%				
Result key: 19				
Result key: 19 Scenario 7 Affected	station	2		
Before Analysis				
Results for: 30A AL BIRMINGS HAAT 426.0 m, ATV ERP 10	IAM	DTVPLN	DTVP1093	PLN
11210 111, 1111 2112 10	P	OPULATION A	AREA (sq km)	
within Noise Limited Cont	our	1724395	32961.0	
not affected by terrain 1	osses	1693417	31764.3	
lost to NTSC IX	2 CD2 I	6364	0.0	
lost to ATV IX only	AIV	6264	753.5 753.5	
within Noise Limited Cont not affected by terrain l lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		6264	753.5	
Potential Interfering Stati				7
29A AL SELMA	BPCDT	20080617A	DT CP	
	BLCDT	20040420A		
After Analysis				
Results for: 30A AL BIRMINGH HAAT 426.0 m, ATV ERP 10		DTVPLN	DTVP1093	PLN
	P	OPULATION A	AREA (sq km)	
within Noise Limited Cont		1724395	32961.0	
not affected by terrain l lost to NTSC IX	.05565	1 <b>69341</b> 7 0	31764.3 0.0	
lost to wise ix	ATV	7173	801.9	
lost to ATV IX only		7173	801.9	
lost to all IX		7173	801.9	

Potential Interfering Stat	ions Inc	luded in above	Scenario	7
29A AL SELMA 30A TN KNOXVILLE 30A MS JACKSON	BPCDT BLCDT	20080617ADT 20040420AAF	CP LIC	
30A MS JACKSON	USERREC	ORDUI	APP	
Percent new IX = 0.0539%				
Result key: 20 Scenario 8 Affected Before Analysis	station	2		
Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1	በበበ በ ኑፑ			PLN
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	POUR PO	OPULATION ARI	EA (sq.km) 32961 0	
not affected by terrain	losses	1693417	31764.3	
lost to NTSC IX		0	0.0	
lost to additional IX by	ATV	6264	753.5	
lost to ATV IX only		6264	753.5	
lost to all IX		6264	/53.5	
Potential Interfering Stat				8
29A AL SELMA 30A TN KNOXVILLE	BPCDT	20080617ADT	CP	
30A TN KNOXVILLE	DTVPLN	DTVP1116	PLN	
After Analysis		·		
Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1	HAM 000.0 kW	DTVPLN	DTVP1093	PLN
	PC	OPULATION ARE	EA (sq km)	
within Noise Limited Con	tour	1/24395	32961.0	
lost to NTSC IX	105562		U U	
lost to additional IX by	ATV	7173	801.9	
lost to ATV IX only		7173	801.9	
within Noise Limited Con not affacted by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		7173	801.9	
Potential Interfering Stat				8
29A AL SELMA	BPCDT	20080617ADT	CP	
30A TN KNOXVILLE	DTVPLN	DTVP1116	PLN	
29A AL SELMA 30A TN KNOXVILLE 30A MS JACKSON	USERRECO	DRD01	APP	
Percent new IX = 0.0539%				
Result key: 21				
Result key: 21 Scenario 9 Affected Before Analysis	station	2		
-				
Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1			DTVP1093	PLN
		PULATION ARE	EA (sa km)	
within Noise Limited Con	tour	1724395 3	12961 (1	
within Noise Limited Con not affected by terrain	losses	1693417	31764.3	
lost to NTSC IX		0	0.0	
lost to additional IX by	ATV		773.7 773.7	
lost to ATV IX only lost to all IX		9816 9816	773.7	
1032 20 411 17		7010	,,,,,,	
Potential Interfering Stat	ions Incl	uded in above	Scenario	9
29A AL SELMA		20080617ADT		
30A TN KNOXVILLE	BPCDT	20080618AAM	CP	
After Analysis				
Results for: 30A AL BIRMING	МАН	DTVPLN	DTVP1093	PLN

HAAT 426.0 m, ATV ERP 1	ሰሰበ ሰ ኑዬ	J		
	E	MOTTA TINGO	AREA (sq km)	
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	tour	1724395	32961.0	
lost to NTSC IX	losses	1693417	31/64.3	
lost to additional IX by	ATV	10725	822.0	
lost to ATV IX only		10725	822.0	
lost to all ix		10725	822.0	
Potential Interfering Stat	ions Inc	cluded in ab	ove Scenario	9
29A AL SELMA	BPCDT	20080617	ADT CP	
29A AL SELMA 30A TN KNOXVILLE	BPCDT	20080618	AAM CP	
30A MS JACKSON	USERREC	CORDOL	APP	
Percent new IX = 0.0540%				
Result key: 22 Scenario 10 Affected				
Scenario 10 Affected Before Analysis	station	1 2		
Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1	HAM	DTVPL	N DTVP1093	PLN
within Noise Limited Con	tour	1724395	32961.0	
not affected by terrain	losses	1693417	31764.3	
lost to NTSC IX	ATV	6144	0.0 753.5	
lost to ATV IX only	****	6144	753.5	
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		6144	753.5	
Potential Interfering Stat				10
29A AL SELMA 30A TN KNOXVILLE	DTVPLN	DTVP1059	PLN	
30A TN KNOXVILLE	BLCDT	20040420	AAF LIC	
After Analysis				
Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1	HAM 000.0 kW	DTVPL	N DTVP1093	PLN
	P	OPILATION	AREA (sa km)	
not affected by terrain	cour losses	1693417	32961.0	
lost to NTSC IX		0	0.0	
lost to additional IX by	ATV	7053	801.9	
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		7053 7053	801.9	
Potential Interfering Stat				10
29A AL SELMA	DTVPLN BLCDT	DTVP1059 20040420		
30A TN KNOXVILLE 30A MS JACKSON	USERREC		APP	
Percent new IX = 0.0539%				
Result key: 23				
Scenario 11 Affected Before Analysis	station	2		
Results for: 30A AL BIRMING	HAM	DTVPL	N DTVP1093	PLN
HAAT 426.0 m, ATV ERP 1	000.0 kW			
within Noise Limited Con-		OPULATION 1724395	AREA (sq km) 32961.0	
not affected by terrain		1693417	31764.3	
lost to NTSC IX	3 ms 2	0	0.0	
lost to additional IX by lost to ATV IX only	ATV	6144 6144	753.5 753.5	
lost to all IX		6144	753.5	

Potential Interfering Stat	ions Inc.	luded in abo	ve Scenario	11
29A AL SELMA 30A TN KNOXVILLE	DTVPLN DTVPLN			
After Analysis				
Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1			DTVP1093	PLN
			AREA (sq km)	
within Noise Limited Cor	tour	1724395	32961.0	
not affected by terrain	losses	1693417	31764.3	
lost to NTSC IX lost to additional IX by	. ATT!	0 7053	0.0 801.9	
lost to ATV IX only	, VIA	7053	801.9	
lost to all IX		7053	801.9	
Potential Interfering Stat	ions Incl	luded in abov	ve Scenario	11
29A AL SELMA	DTVPLN			
30A TN KNOXVILLE 30A MS JACKSON	DTVPLN USERRECO		PLN APP	
JUN 115 VACIOON	ODDIALDOC	MD01	ALL	
Percent new IX = 0.0539%				,
Result key: 24				
Scenario 12 Affected	station	2		
Before Analysis				
Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1			DTVP1093	PLN
		PULATION A	AREA (sq km)	
within Noise Limited Con	tour	1724395	32961.0	
not affected by terrain	losses		31764.3	
lost to NTSC IX	* MT 7	0	0.0	
lost to additional IX by lost to ATV IX only	ATV	9696 9696	773.7 773.7	
lost to all IX		9696	773.7	
Potential Interfering Stations Included in above Scenario				12
29A AL SELMA	DTVPLN		PLN	
30A TN KNOXVILLE	BPCDT	20080618AA	M CP	
After Analysis				
Results for: 30A AL BIRMING			DTVP1093	PLN
HAAT 426.0 m, ATV ERP 1			PEA (07 1-1	
within Noise Limited Con		PULATION A	32961.0	
not affected by terrain			31764.3	
lost to NTSC IX		0	0.0	
lost to additional IX by	ATV	10605	822.0	
lost to ATV IX only		10605	822.0	
lost to all IX		10605	822.0	
Potential Interfering Stations Included in above Scenario				12
29A AL SELMA	DTVPLN	DTVP1059	PLN	
30A TN KNOXVILLE	BPCDT	20080618AA		
30A MS JACKSON	USERRECO		APP	
Percent new IX = 0.0540%				
Worst case new IX 0.0540% Scenario 3				
*************************				

Analysis of Interference to Affected Station 3

```
Analysis of current record
                      City/State
                                        Application Ref. No.
Channel
          Call
          KLRT-TV LITTLE ROCK AR
                                              BLCDT -20020507AAK
   3.0
     Stations Potentially Affecting This Station
Chan Call
               City/State
                                    Dist(km) Status Application Ref. No.
                                       218.0 CP
218.0 PLN
                                                     BPCDT -20080331AEU
DTVPLN -DTVP1125
              HARRISON AR
 31
31
     KWBM
     KWBM
              HARRISON AR
                                                     USERRECORD-01
 30 WLBT
              JACKSON MS
                                       347.5 APP
 Proposal causes no interference
******************************
    Analysis of Interference to Affected Station 4
Analysis of current record
                                           Application Ref. No.
                         City/State
Channel
          Call
                                              DTVPLN -DTVP1094
          KLRT-TV LITTLE ROCK AR
   3.0
    Stations Potentially Affecting This Station
Chan Call
                City/State
                                    Dist(km) Status Application Ref. No.
                                       218.0 CP
218.0 PLN
                                                     BPCDT -20080331AEU
DTVPLN -DTVP1125
31
     KWBM
              HARRISON AR
     KWBM
              HARRISON AR
 31
              JACKSON MS
                                       347.5 APP
                                                     USERRECORD-01
     WLBT
 30
 Proposal causes no interference
******************************
    Analysis of Interference to Affected Station 5
Analysis of current record
                                           Application Ref. No.
                         City/State
           Call
Channel
                                              BLTTA -20070813AFZ
          WLFT-CA BATON ROUGE LA
  30
    Stations Potentially Affecting This Station
     Call
               City/State
                                    Dist(km) Status Application Ref. No.
Chan
                                       118.0 LIC
     KLPB-TV LAFAYETTE LA
                                                    BLEDT -20031117ACC
 23
     KLPB-TV LAFAYETTE LA
                                       118.0 PLN
                                                     DTVPLN
                                                              -DTVP0842
 23
                                       115.0 CP MOD BMPCDT
                                                              -20080620ACU
 26
     WGNO
              NEW ORLEANS LA
              NEW ORLEANS LA
     WGNO
                                       115.8 PLN DTVPLN
                                                              -DTVP0952
 26
              LAFAYETTE LA
                                       118.7 PLN
                                                    DTVPLN
                                                              -DTVP1033
 28
     KATC
                                       118.7 CP MOD BMPCDT
                                                              -20060906AAW
              LAFAYETTE LA
 28
     KATC
                                       116.3 APP
116.3 LIC
88.6 LIC
                                                    BPRM
                                                              -20090528AFA
     WVUE-DR NEW ORLEANS LA
 29
     WVUE-DT NEW ORLEANS LA
                                                              -20050614AAH
 29
                                                    BLCDT
 30
     KFOL-CA HOUMA LA
                                                     BLTTL
                                                              -19950329IC
     KFOL-CA HOUMA LA
                                        92.7 APP
                                                    BMPDTA
                                                              -20090526AEG
 30
     KFOL-CA HOUMA LA
                                       92.6 APP
242.1 PLN
242.1 CP
                                                    BPTTA
                                                              -20080411ABC
 30
              LAKE CHARLES LA
                                                     DTVPLN
                                                              -DTVP1104
 30
     KVHP
              LAKE CHARLES LA
                                                    BPCDT
                                                              ~19990714LD
     KVHP
 30
                                       122.0 CP BPTTL
114.7 CP MOD BMPEDT
     W30CC
              NATCHEZ MS
                                                              -20070706ACK
 30
     WLAE-TV NEW ORLEANS LA
                                                              -20080312ACH
 31
                                                              -DTVP1142
 31
     WLAE-TV NEW ORLEANS LA
                                       114,7 PLN
                                                    DTVPLN
 34
              BATON ROUGE LA
                                       22.2 PLN
                                                     DTVPLN
                                                              -DTVP1255
     WVLA
     WVLA-TV
              BATON ROUGE LA
                                       22.2 LIC
                                                     BLCDT
                                                              -20051221A00
 34
                                       22.1 PLN
22.1 LIC
 45
     WGME
              BATON ROUGE LA
                                                     DTVPLN
                                                              -DTVP1614
     WGME-TV BATON ROUGE LA
                                                    BLCDT
                                                              -20060103ACW
 4.5
              JACKSON MS
                                                    USERRECORD-01
                                       213.5 APP
     WLBT
 30
 Proposal causes no interference
```

#### Analysis of Interference to Affected Station 6

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Analysis of current record
           Call
Channel
                         City/State
                                            Application Ref. No.
  30
           WLFT-CA
                    BATON ROUGE LA
                                              BDFCDTA -20080804ACM
     Stations Potentially Affecting This Station
                                     Dist(km) Status Application Ref. No.
Chan
      Cal.L
                City/State
     WVUE-DR NEW ORLEANS LA
WVUE-DT NEW ORLEANS LA
                                       116.3 APP BFRM -20090528AFA
116.3 LIC BLCDT -20050614AAH
 29
 29
 30
     KVHP
              LAKE CHARLES LA
                                        242.1 PLN
                                                      DTVPLN
                                                                -DTVP1104
                                                      BPCDT
                                        242.1 CP
194.0 CP
              LAKE CHARLES LA
     KVHP
                                                                -19990714LD
 30
     KLAX-TV ALEXANDRIA LA
 31
                                                      BPCDT
                                                                -20080617ADM
                                       194.0 PLN DTVPLN
114.7 CP MOD EMPEDT
114.7 PLN DTVPLN
213.5 APP USERREC
     KLAX-TV ALEXANDRIA LA
 31
                                                                -DTVP1141
     WLAE-TV NEW ORLEANS LA
 31
                                                                -20080312ACH
     WLAE-TV NEW ORLEANS LA
 31
                                                               -DTVP1142
 30
     WLBT JACKSON MS
                                                      USERRECORD-01
 Proposal causes no interference
**************
     Analysis of Interference to Affected Station 7
Analysis of current record
                         City/State
Channel Call
                                            Application Ref. No.
30
          KFOL-CA
                     HOUMA LA
                                               BMPDTA -20080804AEE
    Stations Potentially Affecting This Station
                City/State
Chan Call
                                     Dist(km) Status Application Ref. No.
     WVUE-DR NEW ORLEANS LA
                                                     BPRM -20090528AFA
BLCDT -20050614AAH
29
                                        86.4 APP
                                        86.4 LIC
283.7 PLN
283.7 CP
 29
     WVUE-DT NEW ORLEANS LA
                                                                -20050614AAH
 30
     KVHP
           LAKE CHARLES LA
                                                      DTVPLN
                                                                -DTVP1104
              LAKE CHARLES LA
     KVHP
                                                      BPCDT
                                                                -19990714LD
                                         87.7 CP MOD BMPEDT
87.7 PLN DTVPLN
     WLAE-TV NEW ORLEANS LA
 31
                                                                -20080312ACH
    WLAE-TV NEW ORLEANS LA
WLBT JACKSON MS
                                                                -DTVP1142
 31
                                        293.4 APP
                                                    USERRECORD-01
 30
Proposal causes no interference
Analysis of Interference to Affected Station 8
Analysis of current record
                                           Application Ref. No.
          Call City
KFOL-CA HOUMA LA
                         City/State
Channel
  30
                                               BLTTL -19950329IC
    Stations Potentially Affecting This Station
Chan
     Call
               City/State
                                     Dist(km) Status Application Ref. No.
26
     WGNO
              NEW ORLEANS LA
                                         80.8 CP MOD BMPCDT
                                                               -20080620ACU
              NEW ORLEANS LA
                                         78.4 PLN DTVPLN
     WGNO
                                                                -DTVP0952
26
                                         79.4 APP
79.4 LIC
29
     WVUE-DR NEW ORLEANS LA
                                                      BPRM
                                                                -20090528AFA
     WVUE-DT NEW ORLEANS LA
                                                      BLCDT
29
                                                                -20050614AAH
     WLFT-CA BATON ROUGE LA
 30
                                        88.6 LIC
286.7 PLN
                                                      BLTTA
                                                                -20070813AFZ
              LAKE CHARLES LA
30
     KVHP
                                                      DTVPLN
                                                                -DTVP1104
                                        286.7 CP
     KVHP
              LAKE CHARLES LA
                                                      BPCDT
                                                                -19990714LD
     WLAE-IV NEW ORLEANS LA
                                        80.5 CP MOD BMPEDT
                                                                -20080312ACH
 31
     WLAE-IV NEW ORLEANS LA
                                        80.5 PLN DTVPLN
 31
                                                                -DTVP1142
                                        94.0 PLN
94.0 LIC
 34
     WVLA
              BATON ROUGE LA
                                                      DTVPLN
                                                                -DTVP1255
     WVLA-TV BATON ROUGE LA
                                                      BLCDT
                                                                -20051221A00
34
              BATON ROUGE LA
                                       94.1 PLN
94.1 LIC
                                                      DTVPLN
                                                                -DTVP1614
45
     WCMB
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-20060103ACW

BLCDT

WGMB-TV BATON ROUGE LA